

Roland and Vision Numeric Simplify Jewelry Making with New CAD/CAM Solution

Tucson, AZ February 4, 2008 Roland Advanced Solutions Division (ASD) and Vision Numeric USA have teamed up to provide jewelry makers with a more efficient way to design and produce models for custom rings and pendants.

Vision Numeric's 3DESIGN CAD software works seamlessly with Roland's JWX-10 jewelry model maker to offer jewelry designers extraordinary ease of use. After creating a virtual model in 3DESIGN, the jeweler simply selects the CAM icon from the pull-down menu. This automatically launches Roland CAM software and imports the file for immediate production on the Roland JWX-10.

"This automated solution combines the very best in jewelry design software with very best in desktop milling," said David Olson, Roland ASD business development manager. "As a result, jewelers can focus their energy on creating beautiful designs, as opposed to computer operations."

"The integration of these technologies is important for the jewelry industry," said Kamal Bounoura, Vision Numeric USA VP and General Manager. "Jewelry designers will appreciate the ease of use and the spectacular results that this best-in-class technology delivers."

JWX-10

The Roland JWX-10 model maker, an MJSA Innovation Award Winner, makes jewelry design and manufacturing faster, easier and more profitable. The quiet and stylish 4-axis mill produces precise, castable wax models for rings, pendants, bracelets and charms. It also meets stringent ISO international standards for design and manufacturing quality. Powered by a 20,000 rpm spindle, the JWX-10 mills wax models with detailed resolutions up to 0.002mm/step. The desktop device includes holding fixtures that make it easy to customize non-proprietary, off-the-shelf jewelry wax stock. It also comes with 4-axis CAM software, tools, wax and user manuals. Roland's optional ProtoWizard software and fixture bundle lets jewelers import industry standard STL files and easily convert them into NC files ready to be milled. ProtoWizard is compatible with all jewelry design software, including GEMvision Matrix, Rhino® with Techgems, ArtCAM Jewelsmith and 3DESIGN CAD. The included 3-sided ring fixtures and extra ring arbor allow for the production of even the most complex designs.

3DESIGN

The unique 3D CAD Solution for jewelers is the most advanced 3D interactive software built for the future of the jewelry industry. 3DESIGN is a multi-platform solution developed for PC, Mac and Linux. From sketch to fully rendered design, 3DESIGN CAD is the software solution you need to unleash your creativity and be successful in the jewelry industry. 3DESIGN CAD5, a product of Vision numeric, offers users many innovative tools and automated builders allowing designers to create a unique piece in minutes or complete collections in just a few days. Hybrid technology offers solid modeling, surface modeling and parametric modeling. Its dynamic attributes will help you deliver beautifully designed and well made products to your customers in less time than ever thought possible, thanks to amazing features like clusters, 3D textures, signet ring builder, under bezel, and ajour cutter, just to name a few! For more information, call (678) 904-2909 or visit www.3design.us.

Roland Advanced Solutions Division

Roland ASD develops advanced solutions for the sign making, engraving, jewelry design and CAD/CAM industries. Major products include GX series vinyl cutters, EGX series engravers, MDX series milling machines, LPX series 3D laser scanners, and the MPX series photo impact printer. The strategic business unit is a division of Roland DGA Corporation – an industry leader in wide-format printing and integrated print/cut technology. Roland ASD serves customers throughout North and South America with cutting-edge technologies and skilled dealers. For more information, call (888) 273-8895 or visit the Web site at www.rolandasd.com.

VISION NUMERIC

Established in France in 1987, Vision numeric's mission is to bridge the gap between the world of graphic arts and the industrial engraving industry. Marking, identifying and decorating are different needs expressed by professionals. With over 30,000 seats sold worldwide, the Type3 product family is recognized today by professionals in the Mold & Tools, Sign, Packaging and Jewelry industries as the essential solution, whether they are working in a mechanical, laser, or rapid prototyping environment. Discover Vision numeric's range of products at www.type3.us or for more info on 3DESIGN, visit www.3design.us.